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Patent Record View

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THOMSON INNOVATION

Patent/Publication: JP7141519A METHOD AND DEVICE FOR IMAGE PROCESSING

Bibliography

Original Title

METHOD AND DEVICE FOR IMAGE PROCESSING

Assignee/Applicant

Standardized: **CANON KK**

Original: CANON INC

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Abstract

Abstract

PURPOSE: To enable simple and speedy curve interpolation processing to be carried out through the method and device for interpolating a received value.

CONSTITUTION: An image composition system stores object definitions by control points for a spline curve by a definition/editor part 102. This system generates 'phantom points' to enable the definition of a spline object. With this curve, one desired group of received values received from a user through, for example, a mouse and a graphics tablet is interpolated. The number N of received values is variable and when they possibly become many, coefficients (X_{ij}) for deriving the phantom points are generated without requiring inverse matrix inversion and storing many inverse matrixes. Consequently, intuitive interaction with the user for the spline body definition is enabled. When N is large, the system generates corresponding approximate phantom points from a subset consisting of a specific number of received values.

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Classes/Indexing

IPC

IPC Code(1-7) **G06T 11/80** G06F 17/17 G06F 17/50 G06T 11/20

(6)

Current IPC-R	Invention	Version	Additional	Version
Advanced	G06F 17/50	20060101	-	-
	G06F 17/17	20060101		
	G06T 11/20	20060101		
	G06T 11/80	20060101		
Core	G06F 17/50	20060101	-	-
	G06F 17/17	20060101		
	G06T 11/20	20060101		
	G06T 11/80	20060101		
Subclass	-	-	-	-

ECLA

G06F001717

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Legal Status**INPADOC Legal Status**

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Family**Family**

Expand INPADOC Family (11)

Claims

No Claims exist for this Record

Description**Drawing Description**

Expand Drawing Description

Description

Expand Description

Citations**Citation**

Citing Patents (0)



Expand Cited Patents (4)

Cited Non-patents (0)

Other

No Other exists for this Record

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